



results of BLAST

BLASTN 2.2.9 [May-01-2004]

RID: 1094067506-6429-204335425845.BLASTQ4

Database: All GenBank+EMBL+DDBJ+PDB sequences (but no EST, STS, GSS, environmental samples or phase 0, 1 or 2 HTGS sequences)
2,576,153 sequences; 11,644,915,935 total letters

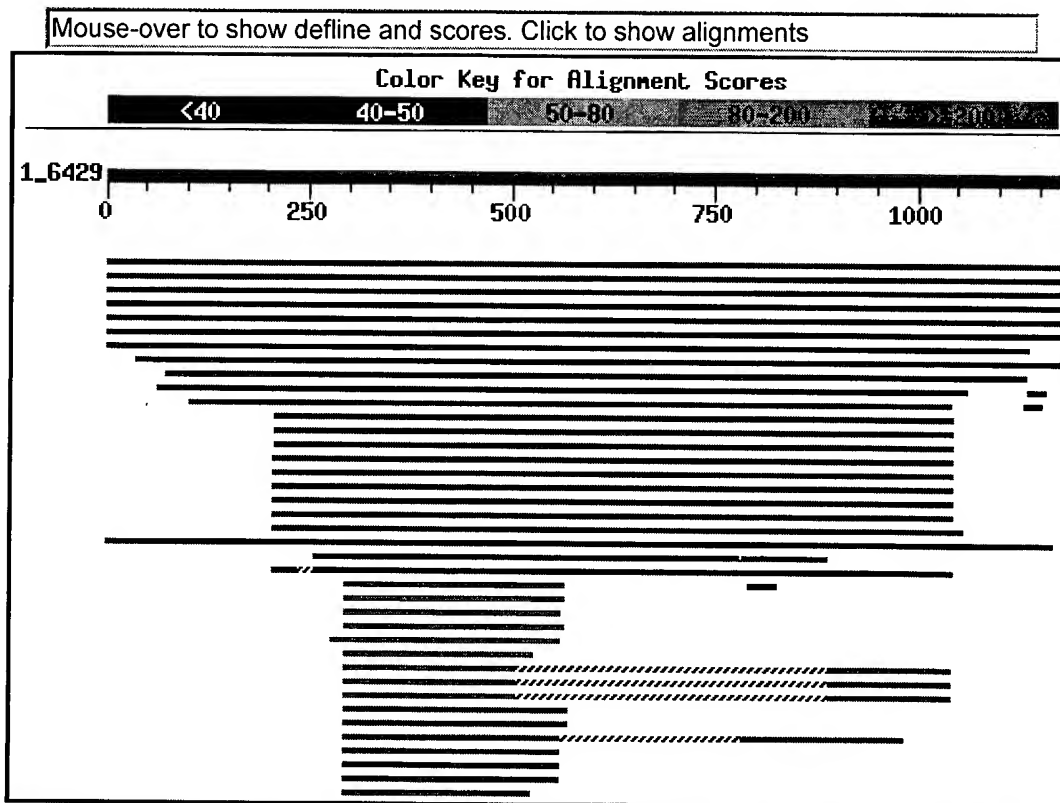
If you have any problems or questions with the results of this search please refer to the [BLAST FAQs](#)

[Taxonomy reports](#)

Query=

(1176 letters)

Distribution of 86 Blast Hits on the Query Sequence



Sequences producing significant alignments:

Score E
(bits) Value

gi 37181842 gb AY358359.1 	Homo sapiens clone DNA66308 ITLN...	2261	0.0	LU
gi 37724011 gb AY157362.1 	Homo sapiens intelectin (INTL) m...	2261	0.0	LU
gi 44976128 gb AY549722.1 	Homo sapiens omentin mRNA, compl...	2250	0.0	LU
gi 31542985 ref NM_017625.2 	Homo sapiens intelectin 1 (gal...	2238	0.0	LU G
gi 18088357 gb BC020664.1 	Homo sapiens intelectin 1 (galac...	2238	0.0	LU G
gi 37724004 gb AY157361.1 	Homo sapiens intelectin (INTL) m...	2238	0.0	LU
gi 18091782 gb AY065972.1 	Homo sapiens endothelial lectin ...	2182	0.0	LU
gi 7019845 dbj AK000029.1 	Homo sapiens cDNA FLJ20022 fis, ...	2179	0.0	LU G
gi 8096220 dbj AB036706.1 	Homo sapiens Itln mRNA for intel...	2034	0.0	LU G
gi 20377086 gb AF271386.1 	Homo sapiens intestinal lactofer...	1917	0.0	LU
gi 48146564 emb CR457224.1 	Homo sapiens full open reading ...	1802	0.0	LU
gi 37182927 gb AY358905.1 	Homo sapiens clone DNA108701 ITL...	1025	0.0	LU
gi 37622351 ref NM_080878.2 	Homo sapiens intelectin 2 (ITL...	1025	0.0	LU
gi 18091784 gb AY065973.1 	Homo sapiens endothelial lectin ...	1025	0.0	LU
gi 37724015 gb AY157364.1 	Mus musculus intelectin (Intl) m...	887	0.0	LU
gi 12841003 dbj AK007447.1 	Mus musculus 10 day old male pa...	887	0.0	LU G
gi 6754387 ref NM_010584.1 	Mus musculus intelectin 2 (Itln...	858	0.0	LU G
gi 37724013 gb AY157363.1 	Mus musculus intelectin (Intl) m...	858	0.0	LU
gi 3357908 dbj AB016496.1 	Mus musculus mRNA for intelectin...	858	0.0	LU G
gi 28932913 gb AY217760.1 	Mus musculus intelectin 2 mRNA, ...	850	0.0	U
gi 22204152 emb AL354714.22 	Human DNA sequence from clone ...	535	e-148	
gi 18476709 emb AL591806.16 	Human DNA sequence from clone ...	433	e-118	
gi 25046355 gb AC083892.19 	Mus musculus chromosome 1 clone...	329	9e-87	
gi 49255964 gb BC071079.1 	Xenopus laevis cDNA clone MGC:79...	169	1e-38	U
gi 2632075 emb X82626.1 XLCORGLEC	X.laevis mRNA for cortica...	164	5e-37	LU
gi 20502360 dbj AB061239.1 	Xenopus laevis mRNA for lectin ...	160	8e-36	LU
gi 1841844 gb U86699.1 XLU86699	Xenopus laevis oocyte lecti...	158	3e-35	LU
gi 49900054 gb BC077059.1 	Xenopus tropicalis cDNA clone IM...	150	6e-33	U
gi 49115331 gb BC073311.1 	Xenopus laevis MGC80711 protein,...	135	3e-28	LU
gi 41392401 emb BX571811.5 	Zebrafish DNA sequence from clo...	133	1e-27	
gi 38564116 emb BX649532.7 	Zebrafish DNA sequence from clo...	133	1e-27	
gi 49614137 emb BX284688.12 	Zebrafish DNA sequence from cl...	133	1e-27	
gi 45360964 ref NM_203519.1 	Xenopus tropicalis egg cortica...	131	4e-27	LU
gi 25989471 gb AY079196.1 	Xenopus tropicalis egg cortical ...	131	4e-27	LU
gi 20502358 dbj AB061238.1 	Xenopus laevis mRNA for 35 kDa ...	127	5e-26	LU
gi 1150691 emb Z50155.1 XLIGF1R	X.laevis mRNA for insulin-l...	123	7e-25	U
gi 38174755 gb BC061445.1 	Xenopus tropicalis hypothetical ...	116	2e-22	LU
gi 45360436 ref NM_203598.1 	Xenopus tropicalis hypothetica...	116	2e-22	LU
gi 28971731 dbj AB105372.1 	Xenopus laevis XEEL mRNA for em...	99	3e-17	LU
gi 13094238 dbj AB055981.1 	Lampetra japonica mRNA for seru...	78	6e-11	
gi 51127570 emb BX511256.9 	Zebrafish DNA sequence from clo...	72	3e-09	
gi 31790657 dbj AP003327.3 	Homo sapiens genomic DNA, chrom...	45	0.40	
gi 14916182 gb AC092597.1 	Homo sapiens BAC clone RP11-100N...	43	1.5	
gi 16555518 emb AL592144.5 	Human DNA sequence from clone R...	41	5.8	

Alignments

☐ >gi|37181842|gb|AY358359.1| **LU** Homo sapiens clone DNA66308 ITLN (UNQ640) mRNA,
Length = 1176

Score = 2261 bits (1176), Expect = 0.0

Identities = 1169/1176 (99%)

Strand = Plus / Plus

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Query: 61     tgtaccaaggaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 120
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Sbjct: 61     tgtaccaaggaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 120

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Query: 241    gaatgtcctagtgcatttgatggcctgtatcttctccgcactgagaatggtgttatctac 300
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Query: 421    aaagcagactaccagaggggggacggcaactgggccaactacaacacctttggatctgca 480
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Sbjct: 421    aaagcagactaccagaggggggacggcaactgggccaactacaacacctttggatctgca 480

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Sbjct: 481    gaggcggccacgagcgatgactacaagaaccctggctactacgacatccaggccaaggac 540

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Query: 1141 gagaaaacaataaatcatattgactcaagnnnnnnn 1176
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Sbjct: 1141 gagaaaacaataaatcatattgactcaagaaaaaaa 1176

☐ >gi|37724011|gb|AY157362.1| **LU** Homo sapiens intelectin (INTL) mRNA, complete cd
Length = 1203

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Identities = 1169/1176 (99%)
Strand = Plus / Plus

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Sbjct: 9 agaaagctgcactctgttgagctccagggcgagtgaggaggaggagtgaggagctctc 68

Query: 61 tgtaccaaggaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 120
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Sbjct: 69 tgtaccaaggaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 128

Query: 121 ctgctgtttctcatagcgaccaccagaggatggagtagagtgaggctaatacttacttc 180
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Sbjct: 129 ctgctgtttctcatagcgaccaccagaggatggagtagagtgaggctaatacttacttc 188

Query: 181 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 240
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Sbjct: 189 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 248

Query: 241 gaatgtcctagtgcatgttgatggcctgtatttctccgactgagaatggtgttatctac 300
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Sbjct: 249 gaatgtcctagtgcatgttgatggcctgtatttctccgactgagaatggtgttatctac 308

Query: 301 cagaccttctgtgacatgacctctgggggtggcggtggacctggtggccagcgtgcat 360
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Query: 361 gagaatgacatgcgtgggaagtgcacggtgggcgatcgctggtccagtcagcagggcagc 420
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Sbjct: 369 gagaatgacatgcgtgggaagtgcacggtgggcgatcgctggtccagtcagcagggcagc 428

Query: 421 aaagcagactaccagagggggacggcaactgggccaactacaacacctttggatctgca 480
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Sbjct: 429 aaagcagactaccagagggggacggcaactgggccaactacaacacctttggatctgca 488

Query: 481 gaggcggccacgagcgatgactacaagaaccctggctactacgacatccaggccaaggac 540
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Sbjct: 489 gaggcggccacgagcgatgactacaagaaccctggctactacgacatccaggccaaggac 548

Query: 541 ctgggcatctggcacgtgcccaataagtcccccagcagcactggagaaacagctccctg 600
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Sbjct: 549 ctgggcatctggcacgtgcccaataagtcccccagcagcactggagaaacagctccctg 608

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Sbjct: 609 ctgaggtaccgcacggacactggcttcctccagacactgggacataatctgtttggcatc 668

Query: 661 taccagaaatatccagtgaatatggagaaggaaagtgttgactgacaacggcccggtg 720
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Sbjct: 849  gccaacgccttggtgctggaatgagggtcaccggatgtaacactgagcatcactgcatt 908

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☐ >gi|44976128|gb|AY549722.1| **LU** Homo sapiens omentin mRNA, complete cds
Length = 1284

Score = 2250 bits (1170), Expect = 0.0
Identities = 1167/1176 (99%)
Strand = Plus / Plus

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Query: 61    tgtaccaaggaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 120
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Sbjct: 164  tgtaccaaggaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 223

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Sbjct: 224 |||||
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Sbjct: 284 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 343

Query: 241 gaatgtcctagtgcatTTTgatggcctgtatTTTctccgactgagaatggtgttatctac 300
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Sbjct: 344 gaatgtcctagtgcatTTTgatggcctgtatTTTctccgactgagaatggtgttatctac 403

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Sbjct: 524 aaagcagactaccagagggggacggcaactgggccaactacaacacctttggatctgca 583

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Query: 601 ctgaggtagcgacggacactggcttctccagacactgggacataatctgtttggcatc 660
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Sbjct: 704 ctgaggtagcgacggacactggcttctccagacactgggacataatctgtttggcatc 763

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Sbjct: 764 taccagaaatatccagtgaatatggagaaggaaagtgttgactgacaacggcccggtg 823

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Sbjct: 944 gccaacgccttgtgtgctggaatgagggtcaccggatgtaacactgagcaccactgcatt 1003

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Sbjct: 1124 gctgtgcttctattctatcggtgagagttttgtgggaggggaaccagacctctcctccca 1183

Query: 1081 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcagaa 1140
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Sbjct: 1184 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcagaa 1243

Query: 1141 gagaaaacaataaatcatattgactcaagnnnnnnn 1176
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Sbjct: 1244 gagaaaacaataaatcatattgactcaaaaaaaaaa 1279
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☐ >gi|31542985|ref|NM_017625.2| **LUG** Homo sapiens intelectin 1 (galactofuranose b
Length = 1209

Score = 2238 bits (1164), Expect = 0.0
Identities = 1165/1176 (99%)
Strand = Plus / Plus

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Sbjct: 75 tgtaccaaggaagtgagctgagactcagacaagattacaatgaaccaactcagcttc 134

Query: 121 ctgctgtttctcatagcgaccaccagaggatggagtacagatgaggctaatacttacttc 180
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Sbjct: 135 ctgctgtttctcatagcgaccaccagaggatggagtacagatgaggctaatacttacttc 194

Query: 181 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 240
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Sbjct: 195 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 254

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Sbjct: 315 cagaccttctgtgacatgacctctgggggtggcggctggaccctggtggccagcgtgcac 374

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Sbjct: 435 aaagcagcttaccagagggggacggcaactgggccaactacaacacctttggatctgca 494

Query: 481 gagcgccacgagcgcgatgactacaagaaccctggctactacgacatccaggccaaggac 540
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Sbjct: 495 gagcgccacgagcgcgatgactacaagaaccctggctactacgacatccaggccaaggac 554

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Sbjct: 555 ctgggcatctggcacgtgcccaataagtcccccagcagcactggagaaacagctccctg 614

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Sbjct: 615 ctgaggtaccgcacggacactggcttccctccagacactgggacataatctgtttggcatc 674

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Sbjct: 675 taccagaaatatccagtgaaatatggagaaggaaagtgttgactgacaacggcccggtg 734

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Sbjct: 855 gccaacgccttgtgtgctggaatgagggtcaccggatgtaacactgagcaccactgcatt 914

Query: 901 ggtggaggaggatactttccagaggccagtcaccagcagtgaggatTTTTctggtttt 960
|||||

Sbjct: 915 ggtggaggaggatactttccagaggccagtcaccagcagtgaggatTTTTctggtttt 974

Query: 961 gattggagtggatatggaactcatgttggttacagcagcagccgtgagataactgaggca 1020
|||||

Sbjct: 975 gattggagtggatatggaactcatgttggttacagcagcagccgtgagataactgaggca 1034

Query: 1021 gctgtgcttctattctatcggttgagagttttgtgggaggggaacccagacctctcctcca 1080

|||||
Sbjct: 1035 gctgtgcttctattctatcggttgagagttttgtgggaggggaacccagacctctcctcca 1094

Query: 1081 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcagaa 1140

|||||
Sbjct: 1095 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcagaa 1154

Query: 1141 gagaaaacaataaatcatattgactcaagnnnnnnn 1176

|||||
Sbjct: 1155 gagaaaacaataaatcatattgactcaaaaaaaaaa 1190

☐ >gi|18088357|gb|BC020664.1| **LUG** Homo sapiens intelectin 1 (galactofuranose bin
MGC:22348 IMAGE:4693329), complete cds
Length = 1209

Score = 2238 bits (1164), Expect = 0.0

Identities = 1165/1176 (99%)

Strand = Plus / Plus

Query: 1 agaaagctgcactctgttgagctccagggcgagtgaggaggaggagtgaggagctctc 60

|||||
Sbjct: 15 agaaagctgcactctgttgagctccagggcgagtgaggaggaggagtgaggagctctc 74

Query: 61 tgtacccaaggaaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 120

|||||
Sbjct: 75 tgtacccaaggaaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 134

Query: 121 ctgctgtttctcatagcgaccaccagaggatggagtacagatgaggctaatacttacttc 180

|||||
Sbjct: 135 ctgctgtttctcatagcgaccaccagaggatggagtacagatgaggctaatacttacttc 194

Query: 181 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 240

|||||
Sbjct: 195 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 254

Query: 241 gaatgtcctagtgcatttgatggcctgtattttctccgcactgagaatgggtgttatctac 300

|||||
Sbjct: 255 gaatgtcctagtgcatttgatggcctgtattttctccgcactgagaatgggtgttatctac 314

Query: 301 cagaccttctgtgacatgacctctgggggtggcggtggaccctgggtggccagcgtgcat 360

|||||
Sbjct: 315 cagaccttctgtgacatgacctctgggggtggcggtggaccctgggtggccagcgtgcat 374

Query: 361 gagaatgacatgcgtgggaagtgcacggtggcgatcgctggtccagtcagcagggcagc 420

|||||

Sbjct: 375 gagaatgacatgctggaagtgcacggtggcgatcgctggtccagtcagcagggcagc 434

Query: 421 aaagcagactaccagagggggacggcaactgggccaactacaacacctttggatctgca 480
||||| |||||||

Sbjct: 435 aaagcagcttaccagagggggacggcaactgggccaactacaacacctttggatctgca 494

Query: 481 gagggggccacgagcgatgactacaagaaccttggtactacgacatccaggccaaggac 540
|||||

Sbjct: 495 gagggggccacgagcgatgactacaagaaccttggtactacgacatccaggccaaggac 554

Query: 541 ctgggcatctggcacgtgcccaataagtcccccatgcagcactggagaaacagctccctg 600
|||||

Sbjct: 555 ctgggcatctggcacgtgcccaataagtcccccatgcagcactggagaaacagctccctg 614

Query: 601 ctgaggtaccgcacggacactggcttcctccagacactgggacataatctgtttggcatc 660
|||||

Sbjct: 615 ctgaggtaccgcacggacactggcttcctccagacactgggacataatctgtttggcatc 674

Query: 661 taccagaaatatccagtgaatatggagaaggaaagtgttgactgacaacggcccgggtg 720
|||||

Sbjct: 675 taccagaaatatccagtgaatatggagaaggaaagtgttgactgacaacggcccgggtg 734

Query: 721 atccctgtggtctatgattttggcgacgccagaaaacagcatcttattactcacctat 780
|||||

Sbjct: 735 atccctgtggtctatgattttggcgacgccagaaaacagcatcttattactcacctat 794

Query: 781 ggccagcgggaattcactgcgggatttgttcagttcagggtatttaataacgagagagca 840
|||||

Sbjct: 795 ggccagcgggaattcactgcgggatttgttcagttcagggtatttaataacgagagagca 854

Query: 841 gccaacgccttgtgtgctggaatgagggtcaccggatgtaacactgagcatcactgcatt 900
|||||

Sbjct: 855 gccaacgccttgtgtgctggaatgagggtcaccggatgtaacactgagcaccactgcatt 914

Query: 901 ggtggaggaggatactttccagaggccagtcaccagcagtgaggagatttttctggtttt 960
|||||

Sbjct: 915 ggtggaggaggatactttccagaggccagtcaccagcagtgaggagatttttctggtttt 974

Query: 961 gattggagtgatgatggaactcatgttggttacagcagcagccgtgagataactgaggca 1020
|||||

Sbjct: 975 gattggagtgatgatggaactcatgttggttacagcagcagccgtgagataactgaggca 1034

Query: 1021 gctgtgcttctattctatcggtgagagttttgtgggaggggaaccagacctctcctcca 1080
|||||

Sbjct: 1035 gctgtgcttctattctatcggtgagagttttgtgggaggggaaccagacctctcctcca 1094


Query: 1081 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcagaa 1140
|||||

Sbjct: 1095 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcagaa 1154

Query: 1141 gagaaaacaataaatcatattgactcaagnnnnnnn 1176

|||||

Sbjct: 1155 gagaaaacaataaatcatattgactcaaaaaaaaaa 1190

☐ >gi|37724004|gb|AY157361.1|  Homo sapiens intelectin (INTL) mRNA, complete cd
Length = 1199

Score = 2238 bits (1164), Expect = 0.0

Identities = 1165/1176 (99%)

Strand = Plus / Plus

Query: 1 agaaagctgcactctgttgagctccagggcgagtgaggaggaggagtgaggagctctc 60

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Sbjct: 17 agaaagctgcactctgttgagctccagggcgagtgaggaggaggagtgaggagctctc 76

Query: 61 tgtaccaaggaaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 120

|||||

Sbjct: 77 tgtaccaaggaaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 136

Query: 121 ctgctgtttctcatagcgaccaccagaggatggagtacagatgaggctaatacttacttc 180

|||||

Sbjct: 137 ctgctgtttctcatagcgaccaccagaggatggagtacagatgaggctaatacttacttc 196

Query: 181 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 240

|||||

Sbjct: 197 aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 256

Query: 241 gaatgtcctagtgcatttgatggcctgtatcttctccgcactgagaatggtgttatctac 300

|||||

Sbjct: 257 gaatgtcctagtgcatttgatggcctgtatcttctccgcactgagaatggtgttatctac 316

Query: 301 cagaccttctgtgacatgacctctgggggtggcggtggacctggtggccagcgtgcac 360

|||||

Sbjct: 317 cagaccttctgtgacatgacctctgggggtggcggtggacctggtggccagcgtgcac 376

Query: 361 gagaatgacatgcgtgggaagtgcacggtgggcatcgctggtccagtcagcagggcagc 420

|||||

Sbjct: 377 gagaatgacatgcgtgggaagtgcacggtgggcatcgctggtccagtcagcagggcagc 436

Query: 421 aaagcagactaccagagggggacggcaactgggccaactacaacacctttggatctgca 480

|||||

Sbjct: 437 aaagcagtctaccagagggggacggcaactgggccaactacaacacctttggatctgca 496

Query: 481 gaggcgccacgagcgatgactacaagaaccctggctactacgacatccaggccaaggac 540

|||||

Sbjct: 497 gaggcgccacgagcgatgactacaagaaccctggctactacgacatccaggccaaggac 556

```

Query: 541 ctgggcacatctggcacgtgcccaataagtcccccacagcactggagaaacagctccctg 600
          |||
Sbjct: 557 ctgggcacatctggcacgtgcccaataagtcccccacagcactggagaaacagctccctg 616

Query: 601 ctgagggtaccgcacggacactggcttctccagacactgggacataatctgtttggcatc 660
          |||
Sbjct: 617 ctgagggtaccgcacggacactggcttctccagacactgggacataatctgtttggcatc 676

Query: 661 taccagaaatatccagtgaatatggagaaggaaagtgttgactgacaacggcccgggtg 720
          |||
Sbjct: 677 taccagaaatatccagtgaatatggagaaggaaagtgttgactgacaacggcccgggtg 736

Query: 721 atccctgtggtctatgattttggcgacgccagaaaacagcatcttattactcacctat 780
          |||
Sbjct: 737 atccctgtggtctatgattttggcgacgccagaaaacagcatcttattactcacctat 796

Query: 781 ggccagcgggaattcactgcgggatttgttcagttcagggtatttaataacgagagagca 840
          |||
Sbjct: 797 ggccagcgggaattcactgcgggatttgttcagttcagggtatttaataacgagagagca 856

Query: 841 gccaacgccttgtgtgctggaatgaggggtcacggatgtaacactgagcatcactgcatt 900
          |||
Sbjct: 857 gccaacgccttgtgtgctggaatgaggggtcacggatgtaacactgagcaccactgcatt 916

Query: 901 ggtggaggaggatactttccagaggccagtccccagcagtgaggatgttgagatttttctggtttt 960
          |||
Sbjct: 917 ggtggaggaggatactttccagaggccagtccccagcagtgaggatgttgagatttttctggtttt 976

Query: 961 gattggagtggatatggaactcatgttggttacagcagcagccgtgagataactgaggca 1020
          |||
Sbjct: 977 gattggagtggatatggaactcatgttggttacagcagcagccgtgagataactgaggca 1036

Query: 1021 gctgtgcttctattctatcggttgagagttttgtgggaggggaaccagacctctcctccca 1080
          |||
Sbjct: 1037 gctgtgcttctattctatcggttgagagttttgtgggaggggaaccagacctctcctccca 1096

Query: 1081 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcagaa 1140
          |||
Sbjct: 1097 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcagaa 1156

Query: 1141 gagaaaacaataaatcatattgactcaagnnnnnnn 1176
          |||
Sbjct: 1157 gagaaaacaataaatcatattgactcaagaaaaaaa 1192

```

☐ >gi|18091782|gb|AY065972.1|
Length = 1142



Homo sapiens endothelial lectin HL-1 mRNA, compl

Score = 2182 bits (1135), Expect = 0.0
Identities = 1137/1138 (99%)
Strand = Plus / Plus

```
Query: 1      agaaagctgcactctgttgagctccagggcgagtgaggaggaggagtgaggagctctc 60
            |||
Sbjct: 5      agaaagctgcactctgttgagctccagggcgagtgaggaggaggagtgaggagctctc 64

Query: 61     tgtaccaaggaaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 120
            |||
Sbjct: 65     tgtaccaaggaaagtgcagctgagactcagacaagattacaatgaaccaactcagcttc 124

Query: 121    ctgctgtttctcatagcgaccaccagaggatggagtacagatgaggctaatacttacttc 180
            |||
Sbjct: 125    ctgctgtttctcatagcgaccaccagaggatggagtacagatgaggctaatacttacttc 184

Query: 181    aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 240
            |||
Sbjct: 185    aaggaatggacctgttcttcgtctccatctctgccagaagctgcaaggaaatcaaagac 244

Query: 241    gaatgtcctagtgcatttgatggcctgtattttctccgcactgagaatggtgttatctac 300
            |||
Sbjct: 245    gaatgtcctagtgcatttgatggcctgtattttctccgcactgagaatggtgttatctac 304

Query: 301    cagaccttctgtgacatgacctctgggggtggcggctggacctggtggccagcgtgcat 360
            |||
Sbjct: 305    cagaccttctgtgacatgacctctgggggtggcggctggacctggtggccagcgtgcat 364

Query: 361    gagaatgacatgcgtgggaagtgcacggtgggcgatcgctggtccagtcagcagggcagc 420
            |||
Sbjct: 365    gagaatgacatgcgtgggaagtgcacggtgggcgatcgctggtccagtcagcagggcagc 424

Query: 421    aaagcagactaccagagggggacggcaactgggccaactacaacaccttggatctgca 480
            |||
Sbjct: 425    aaagcagactaccagagggggacggcaactgggccaactacaacaccttggatctgca 484

Query: 481    gaggcggccacgagcgatgactacaagaaccctggctactacgacatccaggccaaggac 540
            |||
Sbjct: 485    gaggcggccacgagcgatgactacaagaaccctggctactacgacatccaggccaaggac 544

Query: 541    ctgggcatctggcacgtgcccataagtcccccattgcagcactggagaaacagctccctg 600
            |||
Sbjct: 545    ctgggcatctggcacgtgcccataagtcccccattgcagcactggagaaacagctccctg 604

Query: 601    ctgaggtaccgcacggacactggcttcctccagacactgggacataatctgtttggcatc 660
            |||
Sbjct: 605    ctgaggtaccgcacggacactggcttcctccagacactgggacataatctgtttggcatc 664
```

```

Query: 661  taccagaaatatccagtgaaatatggagaaggaaagtgttgactgacaacggcccggtg 720
          |||
Sbjct: 665  taccagaaatatccagtgaaatatggagaaggaaagtgttgactgacaacggcccggtg 724

Query: 721  atccctgtggtctatgattttggcgacgccagaaaacagcatcttattactcacctat 780
          |||
Sbjct: 725  atccctgtggtctatgattttggcgacgccagaaaacagcatcttattactcacctat 784

Query: 781  ggccagcgggaattcactgcggtgattgttcagttcaggtatttaataacgagagagca 840
          |||
Sbjct: 785  ggccagcgggaattcactgcggtgattgttcagttcaggtatttaataacgagagagca 844

Query: 841  gccaacgccttgtgtgctggaatgagggtcaccggatgtaacactgagcatcactgcatt 900
          |||
Sbjct: 845  gccaacgccttgtgtgctggaatgagggtcaccggatgtaacactgagcaccactgcatt 904

Query: 901  ggtggaggaggatactttccagaggccagtcaccagcagtgaggagattttctgggttt 960
          |||
Sbjct: 905  ggtggaggaggatactttccagaggccagtcaccagcagtgaggagattttctgggttt 964

Query: 961  gattggagtggatatggaactcatgttggttacagcagcagccgtgagataactgaggca 1020
          |||
Sbjct: 965  gattggagtggatatggaactcatgttggttacagcagcagccgtgagataactgaggca 1024

Query: 1021 gctgtgcttctattctatcgttgagagttttgtgggagggaaaccagacctctcctccca 1080
          |||
Sbjct: 1025 gctgtgcttctattctatcgttgagagttttgtgggagggaaaccagacctctcctccca 1084

Query: 1081 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcag 1138
          |||
Sbjct: 1085 accatgagatcccaaggatggagaacaacttaccagtagctagaatgttaatggcag 1142

```

☐ [gi|7019845|dbj|AK000029.1|](#) **LUG** Homo sapiens cDNA FLJ20022 fis, clone ADSE0133
Length = 1146

Score = 2179 bits (1133), Expect = 0.0
Identities = 1130/1139 (99%)
Strand = Plus / Plus

```

Query: 38  agggagggagtgaggagctctctgtacccaaggaaagtgcagctgagactcagacaaga 97
          |||
Sbjct: 1  agggagggagtgaggagctctctgtacccaaggaaagtgcagctgagactcagacaaga 60

Query: 98  ttacaatgaaccaactcagcttctgctgtttctcatagcgaccaccagaggatggagta 157
          |||
Sbjct: 61  ttacaatgaaccaactcagcttctgctgtttctcatagcgaccaccagaggatggagta 120

```

```

Query: 158  cagatgaggctaatacttacttcaaggaatggacctgttcttcgtctccatctctgccca 217
          |||
Sbjct: 121  cagatgaggctaatacttacttcaaggaatggacctgttcttcgtctccatctctgccca 180

Query: 218  gaagctgcaaggaaatcaaagacgaatgtcctagtgcatttgatggcctgtattttctcc 277
          |||
Sbjct: 181  gaagctgcaaggaaatcaaagacgaatgtcctagtgcatttgatggcctgtattttctcc 240

Query: 278  gcactgagaatgggtgttatctaccagaccttctgtgacatgacctctgggggtggcggct 337
          |||
Sbjct: 241  gcactgagaatgggtgttatctaccagaccttctgtgacatgacctctgggggtggcggct 300

Query: 338  ggacctggtggccagcgtgcatgagaatgacatgcgtgggaagtgcacggtgggcgatc 397
          |||
Sbjct: 301  ggacctggtggccagcgtgcatgagaatgacatgcgtgggaagtgcacggtgggcgatc 360

Query: 398  gctggtccagtcagcagggcagcaaagcagactaccagagggggacggcaactgggcca 457
          |||
Sbjct: 361  gctggtccagtcagcagggcagcaaagcagactaccagagggggacggcaactgggcca 420

Query: 458  actacaacacctttggatctgcagaggcgccacgagcgatgactacaagaacctggct 517
          |||
Sbjct: 421  actacaacacctttggatctgcagaggcgccacgagcgatgactacaagaacctggct 480

Query: 518  actacgacatccaggccaaggacctgggcatctggcacgtgccaataagtcccccattgc 577
          |||
Sbjct: 481  actacgacatccaggccaaggacctgggcatctggcacgtgccaataagtcccccattgc 540

Query: 578  agcactggagaaacagctccctgctgaggtaccgcacggacactggcttctccagacac 637
          |||
Sbjct: 541  agcactggagaaacagctccctgctgaggtaccgcacggacactggcttctccagacac 600

Query: 638  tgggacataatctgtttggcatctaccagaaatatccagtgaatatggagaaggaaagt 697
          |||
Sbjct: 601  tgggacataatctgtttggcatctaccagaaatatccagtgaatatggagaaggaaagt 660

Query: 698  gttggactgacaacggcccggtgatccctgtggtctatgattttggcgacgccagaaaa 757
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Sbjct: 661  gttggactgacaacggcccggtgatccctgtggtctatgattttggcgacgccagaaaa 720

Query: 758  cagcatcttattactcacctatggccagcgggaattcactgcgggatttggttcagttca 817
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Sbjct: 721  cagcatcttattactcacctatggccagcgggaattcactgcgggatttggttcagttca 780

Query: 818  gggatatttaataacgagagagcagccaacgccttgtgtgctggaatgagggtcaccggat 877
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Sbjct: 781  gggatatttaataacgagagagcagccaacgccttgtgtgctggaatgagggtcaccggat 840

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Query: 878 gtaacactgagcatcactgcattggtggaggaggatactttccagaggccagtcgccagc 937
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 Sbjct: 841 gtaacactgagcaccactgcattggtggaggaggatactttccagaggccagtcgccagc 900

Query: 938 agtgtggagatttttctggttttgattggagtggatatggaactcatgttggttacagca 997
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 Sbjct: 901 agtgtggagatttttctggttttgattggagtggatatggaactcatgttggttacagca 960

Query: 998 gcagccgtgagataactgaggcagctgtgcttctattctatcggttgagagttttgtggga 1057
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 Sbjct: 961 gcagccgtgagataactgaggcagctgtgcttctattctatcggttgagagttttgtggga 1020

Query: 1058 gggaaccagacctctcctcccaaccatgagatccaaggatggagaacaacttacccag 1117
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 Sbjct: 1021 gggaaccagacctctcctcccaaccatgagatccaaggatggagaacaacttacccag 1080

Query: 1118 tagctagaatgttaatggcagaagagaaaacaataaatcatattgactcaagnnnnnnn 1176
 |||
 Sbjct: 1081 tagctagaatgttaatggcagaagagaaaacaataaatcatattgactcaaaaaaaaaa 1139

☐ >gi|8096220|dbj|AB036706.1| **LUG** Homo sapiens Itln mRNA for intelectin, complet
 Length = 1061

Score = 2034 bits (1058), Expect = 0.0
 Identities = 1060/1061 (99%)
 Strand = Plus / Plus

Query: 75 gtgcagctgagactcagacaagattacaatgaaccaactcagcttctctgctgtttctcat 134
 |||
 Sbjct: 1 gtgcagctgagactcagacaagattacaatgaaccaactcagcttctctgctgtttctcat 60

Query: 135 agcgaccaccagaggatggagtacagatgaggctaatacttacttcaaggaatggacctg 194
 |||
 Sbjct: 61 agcgaccaccagaggatggagtacagatgaggctaatacttacttcaaggaatggacctg 120

Query: 195 ttcttcgtctccatctctgcccagaagctgcaaggaaatcaaagacgaatgtcctagtgc 254
 |||
 Sbjct: 121 ttcttcgtctccatctctgcccagaagctgcaaggaaatcaaagacgaatgtcctagtgc 180

Query: 255 atttgatggcctgtattttctccgcactgagaatgggtgttatctaccagaccttctgtga 314
 |||
 Sbjct: 181 atttgatggcctgtattttctccgcactgagaatgggtgttatctaccagaccttctgtga 240

Query: 315 catgacctctgggggtggcggtggacctgggtggccagcgtgcatgagaatgacatgcg 374
 |||
 Sbjct: 241 catgacctctgggggtggcggtggacctgggtggccagcgtgcatgagaatgacatgcg 300

Query: 375 tgggaagtgcacggtgggcgatcgctgggtccagtcagcagggcagcaaagcagactaccc 434